THE RESERVE OF THE PERSON OF T	10th Class 20	17
mistry	Group-II	THE PARTY NAMED IN
rime: 15 Minutes	(Objective Type)	Paper-II
Four possible	e answers A P	Marks: 12

B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- The units of equilibrium constant K_c for reaction in the balance chemical equation $N_2 + 3H_2 \rightleftharpoons$ 2NH, are:

 - (a) $mol dm^{-3}$ (b) $mol^{-1} dm^{-3}$
 - (c) $\text{mol}^{-2} \text{dm}^6 \sqrt{\text{d}}$ No units

Reactions which have comparable amounts of reactants and products at equilibrium state have:

- (a) Very small K value
- (b) Very large K_c value
- (c) Moderate K_c value 1
- (d) None of these

Potassium ferrocyanide K₄[Fe(CN)₆] is:

- (a) Acidic salt
- (b) Basic salt
- (c) Double salt (d) Complex salt √

The conjugate acid of HPO_A^{2-} is:

(a) PO_{4}^{3-}

- (b) $H_2PO_4^{2-}$
- (c) H₂PO₁ 1
- (d) H_3PO_4

The molecular formula of Decane is:

- (a) $C_{10}H_{22} \sqrt{}$
- (b) $C_{10}H_{20}$
- (c) $C_{10}H_{18}$
- (d) $C_{10}H_{21}$

6-	The oxidation of alk	enes produce:
	(a) Glyoxal	(b) Glycol 1/
	(c) Oxalic acid	(d) Formic acid
7-	The formula of stearic acid is:	
	(a) C ₁₄ H ₃₁ COOH ((b) C ₁₅ H ₃₁ COOH
	(c) C ₁₆ H ₃₁ COOH	
8-	Night-blindness is because of deficiency of:	
	(a) Vitamin A 1/	(b) Vitamin E
	(c) Vitamin C	(d) Vitamin D
9-	Normally rainwater	is weakly acidic because of:
1 N	(a) SO ₃ gas	(b) CO ₂ gas 1/
	(0)	(d) NO ₂ gas
10-	Specific heat capacity of water is:	
	(a) $4.2 \text{ K.lg}^{-1} \text{ K}^{-1}$	(b) 4.2 Jg ⁻¹ K ⁻¹ 1
	(a) 24 la-1 K-1	(d) 2.4 KJg ⁻¹ K
11-	Temporary hardnes	s of water is due to.
	(a) $Ca(HCO_3)_2 \sqrt{}$	(b) $CaCO_3$
	(a) MaCO	(d) MgSO₄
40	The composition of	carbon in fuel oil is:
12-	(a) C to C.	(D) $C_{10} \cup C_{12}$
	(a) 0 ₇ to 0 ₁₀	(d) C ₁₅ to C ₁₈ 1
	(c) C ₁₃ to C ₁₅	(4) - 15